

EXISTING SIGNALS

3,4,5
12"2
12"

18

OPTICAL
PRE-EMPTION
DETECTOR EYE

PROPOSED SIGNALS

1
12"/8"6,8
12"7,9
12"

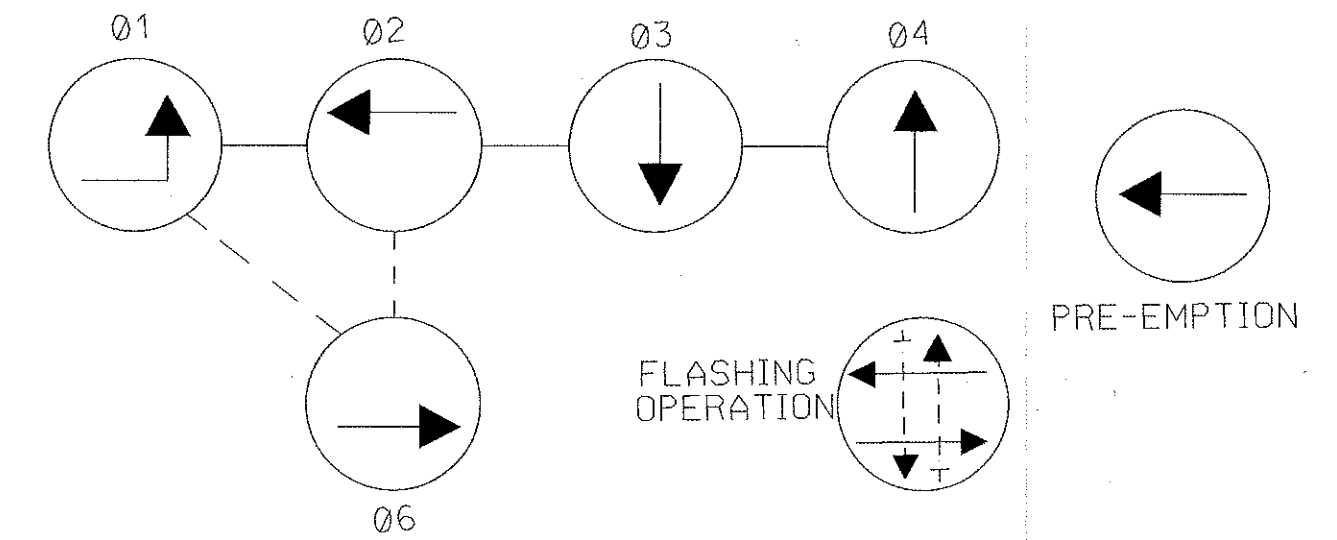
EXISTING SIGNS

15
R3-5(L)
30"X 36"16
R3-5(MOD)
30"X 36"14
R3-5(R)
30"X 36"10
LEFT TURN
YIELD
ON GREEN
R10-12
36"X42"11
D 3-2
DUAL FACE
(VARIABLE X 16")
DOMER STREET

PROPOSED SIGNS

13
LEFT TURN
YIELD
ON GREEN
R10-12
36"X42"EXISTING SIGNS
TO BE REMOVED12
R3-3(2)
24"X24"

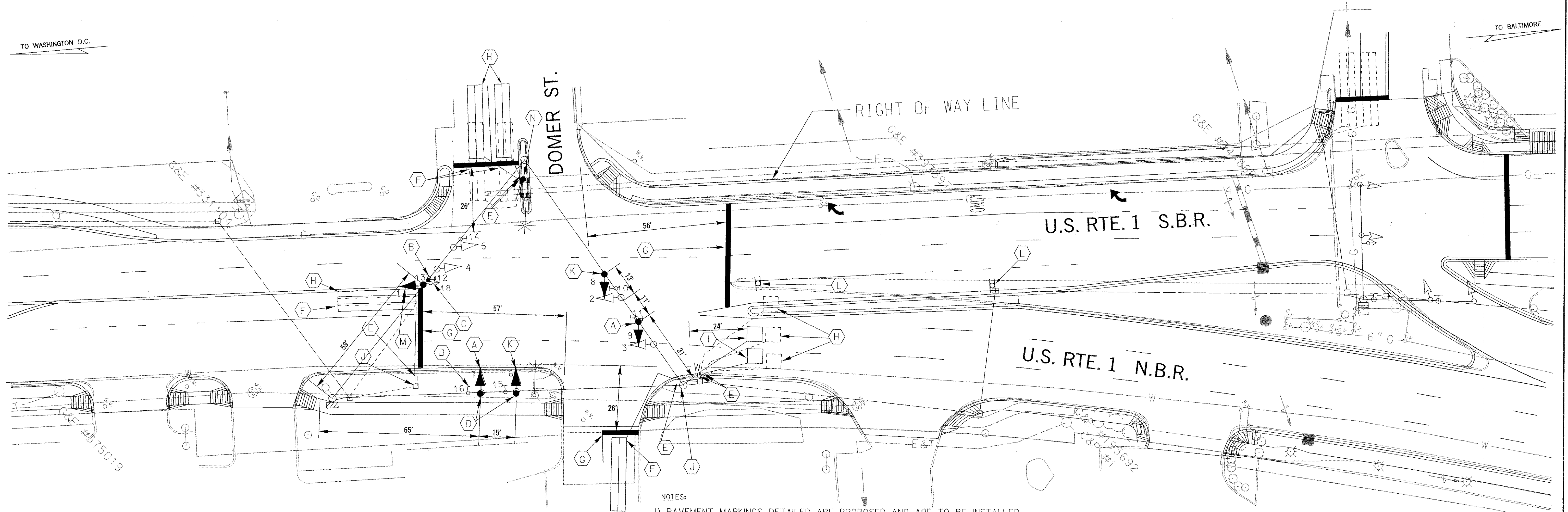
NEMA PHASING



NEMA PHASING NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

TO WASHINGTON D.C.



NOTES:

- 1) PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON SIGNING AND PAVEMENT MARKING PLANS.
- 2) ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
- 3) GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
- 4) LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- 5) CONTRACTOR SHALL REMOVE UNUSED CABLE FROM EXISTING CONDUIT.
- 6) ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

GEOMETRICS LEGEND

PROPOSED GEOMETRICS
EXISTING GEOMETRICS

LEGEND OF UTILITIES

WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

CONSTRUCTION DETAILS

- INSTALL 3 SECTION (R.Y.G) SIGNAL HEAD ON SPAN WIRE.
- REMOVE EXISTING SPAN WIRE MOUNT SIGN.
- INSTALL SIGN ON SPAN WIRE WITH BOTTOM TETHER.
- REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH PROPOSED SIGNAL HEAD.
- INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- INSTALL 6'X30' QUADRUPOLE TYPE LOOP (3-6-3 TURNS) ENCASED IN 1/4 INCH FLEXIBLE TUBING.
- INSTALL 24 INCH PREFORMED PAVEMENT MARKING TAPE STOP BAR.
- ABANDON EXISTING DETECTOR.
- INSTALL 6'X6' (4) TURNS LOOP DETECTOR ENCASED IN 1 INCH FLEXIBLE TUBING.
- USE EXISTING HANDHOLE.
- INSTALL 4 SECTION (R.Y.G.GA) SIGNAL HEAD ON SPAN WIRE.
- REMOVE EXISTING SIGN.
- INSTALL 5 SECTION 12/8 INCH (YA.GA.R.Y.G) SIGNAL HEAD ON SPAN WIRE.
- INSTALL ELECTRICAL HANDHOLE.



KCI
TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS

APPROVALS

① ADD SB LEFT TURN LANE AND WB PHASE

SHA NO: P85745184

A/E PS

② REPLACE FAILED LOOP DETECTORS

SHA NO: AW-578-501-385

F.A.P. NO: AG-CMB-07500005 (188) E

RCS

WB

5-94

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

US 1 OAK STREET TO TALBOTT AVENUE (MD 198)

US RTE. 1 @ DOMER STREET

DRAWN BY: JD TK
CHECKED BY: WES GUCKERT
SCALE: 1" = 20'
DATE: 1-22-76

F.A.P. NO. P-586-501-385
S.H.A. NO. PRINCE GEORGE'S
COUNTY: LOG MILE: 116000113.25

TS NO. 1392B
T.I.M.S. NO.

SHEET NO.
117 OF 162

TSP-5 OF TSP-17